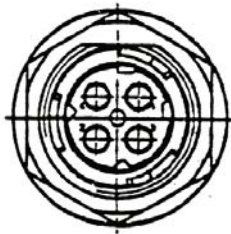




**Part Number: 121583-0008**



|                       |                                 |
|-----------------------|---------------------------------|
| Product Family        | Transportation                  |
| Product Group         | APD                             |
| Component             | Connector                       |
| Application           | Transportation                  |
| Specific Application  | ABS/Fuel Injection/Transmission |
| Shape                 | Circular                        |
| Locking Mechanism     | Bayonet                         |
| Number of Positions   | 4                               |
| Mounting Type         | In-Line                         |
| Gender                | Receptacle                      |
| Code                  | 1 = Black                       |
| Mechanical Modifier   | Jam Nut                         |
| Color                 | Black (RAL 9005)                |
| Packaging             | 100 pieces                      |
| Contact Resistance    | 5 milliohms max.                |
| Insulation Resistance | 10 megaohms min.                |

|                                                    |                                   |
|----------------------------------------------------|-----------------------------------|
|                                                    |                                   |
| Voltage                                            | 48 V AC max                       |
|                                                    |                                   |
| Voltage drop after 20 mating cycles at 100 mA      | 0,3 mV max                        |
|                                                    |                                   |
| Test Voltage                                       | 1000 V AC (Ueff)                  |
|                                                    |                                   |
| Sealing according to IEC 529 and DIN 400050 Part 9 | IP69K                             |
|                                                    |                                   |
| Material Rating Operating Temperature              | -40°C to +140°C                   |
|                                                    |                                   |
| Connector Housing Material                         | PBT                               |
|                                                    |                                   |
| O-Ring Material                                    | HNBR                              |
|                                                    |                                   |
| Contact Material                                   | Copper alloy, stamped and formed  |
|                                                    |                                   |
| Coupling Nut                                       | PA                                |
|                                                    |                                   |
| Contact Area Material                              | Tin                               |
|                                                    |                                   |
| Durability                                         | 50 mating cycles                  |
|                                                    |                                   |
| Shock/Vibration                                    | According to DIN 72585            |
|                                                    |                                   |
| Nomenclature                                       | APD-1CP-K2                        |
|                                                    |                                   |
| Footnote                                           | Dimensions are shown in mm (inch) |
|                                                    |                                   |